

$B^0 \rightarrow K^{0*}(K\pi)\mu\mu$ full angular analysis

Closure test update

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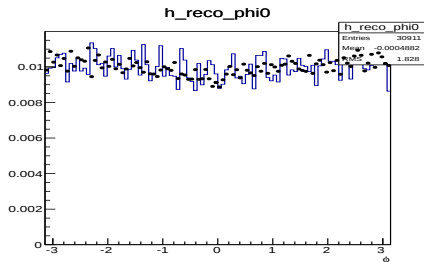
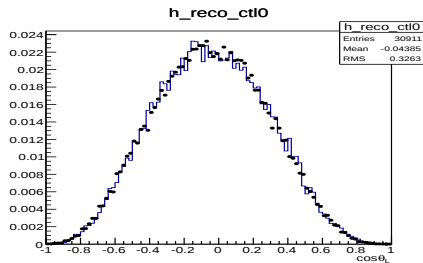
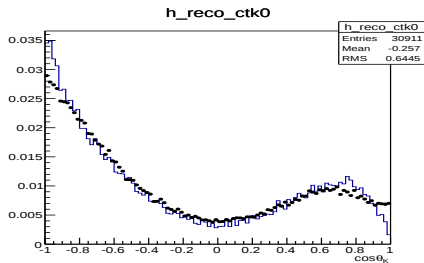
AFB meeting,
CERN, 3 Sept 2015

Status update

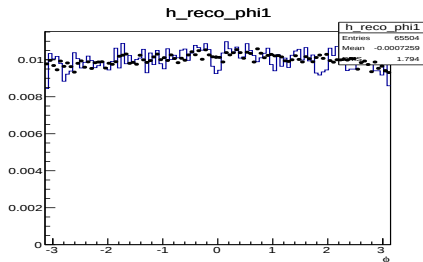
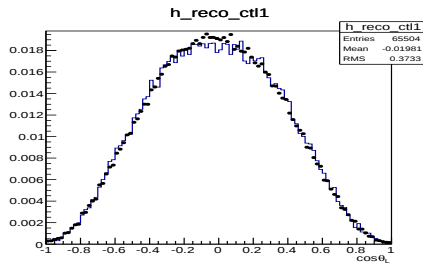
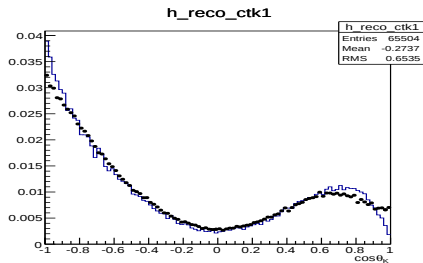
- Due to teaching duty (Stefano) and conference (Alessio) not much progress this week;
- Run the closure test for all the q^2 bins (last week I have shown only one);
- no other change in the code:
 - ▶ boundary issue still not addressed
 - ▶ still with old variables ($\cos \theta_K$, $\cos \theta_L$, ϕ)
- No surprises from closure test on other bins
 - ▶ overall good agreement;
 - ▶ still some problems at boundaries for $\cos \theta_K$;

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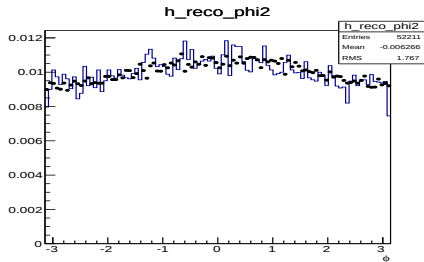
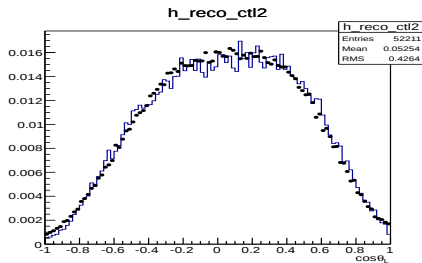
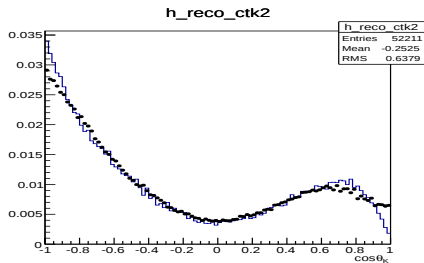
Closure test 1D: BIN 1



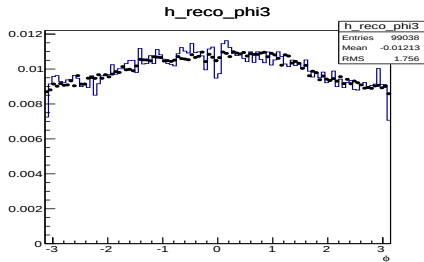
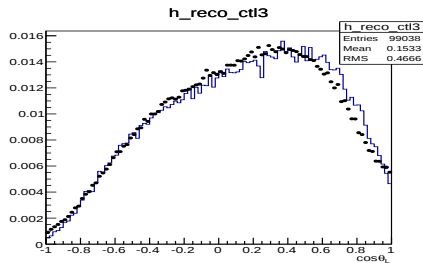
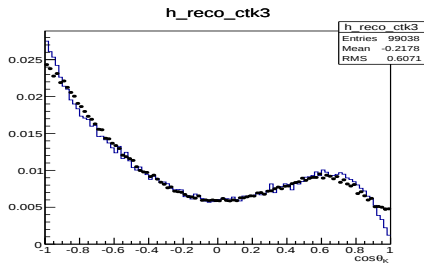
Closure test 1D: BIN 2



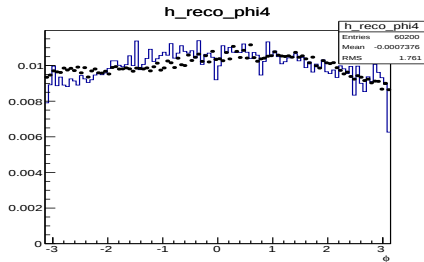
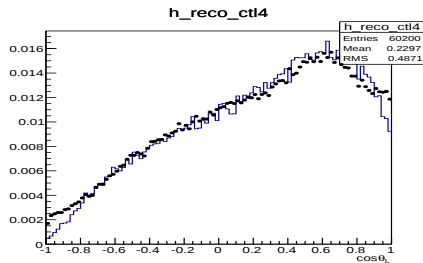
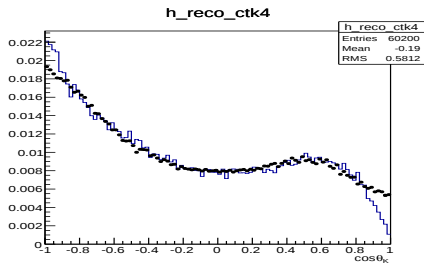
Closure test 1D: BIN 3



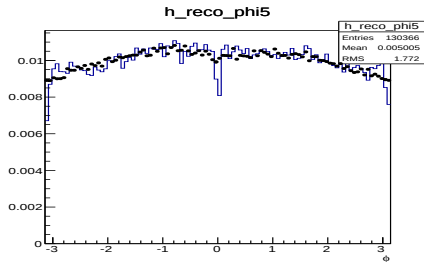
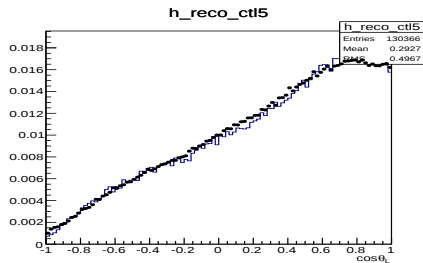
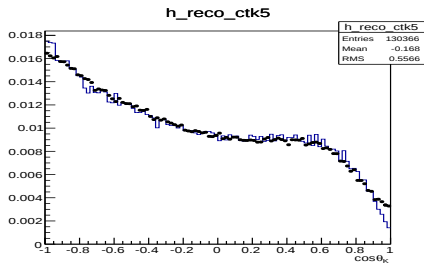
Closure test 1D: BIN 4



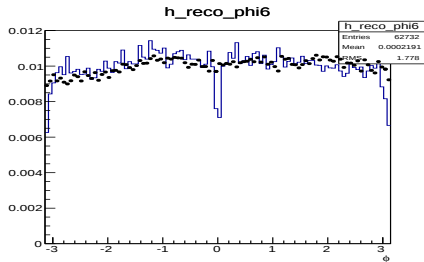
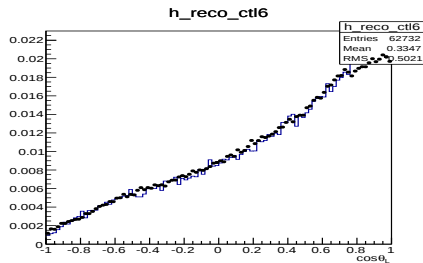
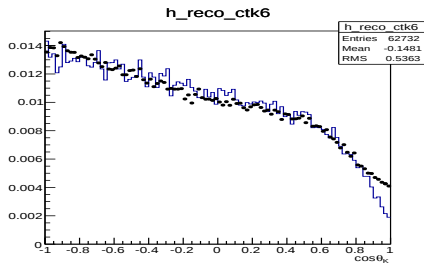
Closure test 1D: BIN 5



Closure test 1D: BIN 6



Closure test 1D: BIN 7



Closure test 1D: BIN 8

